Civil Works

Man-hour

Crew	Crew Formation	Example for Activities included	Unit	Productivity per day	Man/day	Manhour/day	Note
Earthwork Crew	1 Plate-compactor + 2 Unskilled Labors	Backfilling and Compaction	m^3	5	3	24	
Earthwork Crew 2	2 Excavator + 1 Loader + 4 dumper	Excavation	m^3	400	7	56	
Clearance Crew	1 surveyor + 1 steelfixer + 1 helper + 1 welder + 1 loader + 5 unskilled labors	CFA Piles	m	5.7	10	80	
Isolation Crew	2 Water proofer + 1 Helper	Waterproofing For R.W and Foundation	m^2	152	3	24	
Steel Fixing Crew	2 Steel Fixer+ 1 Helper	Steel Reinforcement For Columns/Slabs	m^3	2.4/2	3	24	
Carpentry Crew	1 Carpenter + 1 Helper	Shuttering For Columns/Slabs	m^3	2/1.2	2	16	
Carpentry Crew 2	1 Carpenter + 1 Helper	Blocks for slabs	unit	36	2	16	
Post-Tension Crew	1 Post-tension Technician + 3 unskilled labor	Steel Reinforcement For Slab - Post Tension	Tendons	7	4	32	
Pouring Crew 1	12 Mason + 14 Labor (slab) + 6 Labors (Slab Finishing)	Concrete Pouring For Slab	m^3	720	32	256	Building's crew per day
Pouring Crew 2	4 Mason + 4 Labor (slab) + 2 Labors (Slab Finishing)	Concrete Pouring For Slab	m^3	480	10	80	Corridor's crew per day and SOG

Architectural Works

Man-hour

Crew	Crew Formation	Unit	Productivity per day	Man/day	Manhour/day	Note
Painters Crew- (Putty Works)	2 Painters + 1 Helper	m^2	40	3	24	
Painters Crew- (Painting Works)	2 Painters + 1 Helper	m^2	120	5	40	
Plaster Crew	2 Plaster + 2 Helper + 1 Unskilled labor	m^2	40	5	40	
Masonry Crew	1 Mason + 1 Helper + 2 Unskilled	m^2/m^3	20/2.5	4	32	
Flooring Crew- (Tiles- Natural Stone)	1 Floorer + 2 Helper	m^2	15	3	24	
Flooring Crew- (HDF-Vinyl-Rubber)	1 Specialized floorer + 2 Helper	m^2	25	3	24	
Raised Floor	2 Technician + 2 Helper + 2 unskilled labor	m^2	7	6	48	
Aluminum and Façade Crew	7 Aluminum Technician + 7 Helper	m^2	13.4	14	112	
Flooring Crew- P.C with Epoxy	4 Mason + 1 carpenter + 6 unskilled labor + 3 Epoxy Painter	m^2	46	20	160	

Mechanical Works

Man-hour

Crew	Crew Formation	Example for Activities included	Man/day	Manhour/day	Unit	Productivity per day	Note
Crew A	1 Plumber + 2 Helper	Suspended Plumbing	3	24	m	15	
Crew B	1 Cooler + 2 Helper + 2 Welder	Chilled Water Piping	5	40	10	10	
Crew C	1 Duct Technician + 2 Helper	HVAC ducts	3	24	ton	0.3	
Crew D	1 Cooler + 2 Helper	F.F piping	3	24	m	10	
Crew E	1 FCU Technician + 2 Helper	F.C.U installation	3	24	Unit	8	
Crew F	1 CAHU Technician + 1 Plumber + 1 Plumber Helper + 1 Cooler + 1 Cooler helper + 1 Ducts Technician + 1 Helper	C.A.H.U Installation	7	56	Unit	0.5	
Crew G	2 Cooler + 4 Helper + 2 Electrician	FM200/CO2 erection	8	64	Ranged Days	30	
Crew H	1 Technician + 2 Cooler + 2 welder+ 4 Helper	Pumps installation	9	72	Ranged Days	23	

Electrical works

Man-hour

Crew	Crew Formation	Example for Activities included	Man/day	Manhour/day	Note
Crew 1	2 Riggers + 2 Helper + 2 Unskilled Labor (Scaffolding)	Cable Tray Installation	6	48	
Crew 2	2 Electrician + 4 Helper	UPS/Pulling wire	6	48	
Crew 3	1 Electrician + 6 Helpers + 12 unskilled Labors	Cable Laying	19	152	
Crew 4	4 Electrician + 4 Helper	Lighting	8	64	
Crew 5	1 Supervisor + 2 Electrician + 4 Helpers + 2 terminator	Panels	9	72	
Crew 6	1 Engineer + 1 Supervisor + 2 Electrician + 2 Helper + 2 Riggers	R.M.U installation	8	64	
Crew 7	1 Supervisor + 1 Electrician + 4 Helpers + 2 Riggers + 2 Unskilled labor	Diesel Generator installation	10	80	
Crew 8	1 supervisor + 2 Electrician + 4 Helper + 1 Rigger	Main Distribution Board installation	8	64	
Crew 9	1 Engineer + 1 Supervisor + 2 Electrician + 1 Riggers + 3 Helpers	Transformer Installation	8	64	
Crew 10	1 Engineer + 1 Supervisor + 2 Electrician + 1 Riggers + 2 Helpers + 2 Unskilled Labor	M.V.S.G Installation	9	72	
Crew 11	2 Electrician + 2 Helper	Lighting Fixtures	4	32	
Crew 12	1 Supervisor + 2 Electrician + 3 Helpers +2 Unskilled Labor	ATP installation	8	64	
Crew 13	2 Electrician	Sockets and Switches/Earthing system	2	16	
Crew 14	2 Fitter + 2 Helpers	Empty conduits	4	32	
Crew 15	1 Engineer + 1 Supervisor + 2 Electrician + 2 Riggers + 4 Helpers + 4 Unskilled Labor + 2 Fitter	Bus Duct	16	128	